

PTO/SB/22 (08-03)

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<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket No. (Optional) HSE-020CPCN2RCE	
In re Application of Michael S. Hsu, et al.			
Application Number 09/352093-Conf. #1685		Filed July 14, 1999	
For: ULTRA-HIGH EFFICIENCY TURBINE AND FUEL CELL COMBINATION			
Art Unit 1742		Examiner D. Valentine	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ 110.00
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$

☒ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is. \$ 55.00

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 12-0080

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor.  
☐ assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  
☐ attorney or agent of record. Registration Number \_\_\_\_\_  
☒ attorney or agent under 37 CFR 1.34(a).  
 Registration number if acting under 37 CFR 1.34(a) 60,445

September 25, 2003  
Date

(617) 227-7400  
Telephone Number

Signature: John S. Curran  
John S. Curran  
Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 1 forms are submitted.

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Dated September 25, 2003

Signature: John S. Curran (John S. Curran)

PTO/SB/17 (08-03)  
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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 55.00

**Complete if Known**

Application Number	09/352093-Conf. #1685
Filing Date	July 14, 1999
First Named Inventor	Michael S. Hsu
Examiner Name	D. Valentine
Art Unit	1742
Attorney Docket No.	HSE-020CPCN2RCE

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account.

Deposit Account Number: 12-0080

Deposit Account Name: Lahive & Cockfield, LLP

The Director is authorized to (check all that apply):

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims: 20\*\* =  \*  =

Independent Claims: 3\*\* =  \*  =

Multiple Dependent:  \*  =

**Large Entity Fee Code (\$)** **Small Entity Fee Code (\$)** **Fee Description** **Fee Paid**

1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	Reissue independent claims over original patent	
1205 18	2205 9	Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$)</b>			0.00

\*\* or number previously paid, if greater. For Reissues, see above.

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	55.00
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1450 130	1450 130	Payments to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Sheet	
8021 40	8021 40	Reporting each patent assignment per property (times number of properties)	
1808 750	2808 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify):			
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3) (\$)</b>			55.00

**SUBMITTED BY**

Name (Print/Type): John S. Curran

Registration No. (Attorney/Agent): 50,445

Telephone: (617) 227-7400

Signature: *John S. Curran*

Date: September 25, 2003

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Dated: September 25, 2003

Signature: *John S. Curran* (John S. Curran)

PTO/SB/97 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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on September 25, 2003  
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Signature

John S. Curran  
Typed or printed name of person signing Certificate

**Note:** Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Amendment Transmittal (1 page);  
One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page);  
Fee Transmittal (1 page);  
Certificate of Transmission under 37 CFR 1.8 (1 page); and  
Charge \$55.00 to deposit account 12-0080.

**FAX TRANSMISSION****DATE:** September 25, 2003**PTO IDENTIFIER:** Application Number 09/352093-Conf. #1685  
Patent Number**Inventor:** Michael S. Hsu, et al.**MESSAGE TO:** D. Valentine**FAX NUMBER:** (703) 872-9310**OFFICIAL****FROM:** LAHIVE & COCKFIELD, LLP

John S. Curran

**PHONE:** (617) 227-7400**Attorney Dkt. #:** HSE-020CPCN2RCE**RECEIVED**  
CENTRAL FAX CENTER  
SEP 26 2003**PAGES (Including Cover Sheet):** 8**CONTENTS:**

Response (3 pages)  
Amendment Transmittal (1 page);  
One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page);  
Fee Transmittal (1 page);  
Certificate of Transmission under 37 CFR 1.8 (1 page); and  
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**LAHIVE & COCKFIELD, LLP**  
28 State Street, Boston, Massachusetts 02109  
Telephone: (617) 227-7400 Facsimile: (617) 742-4214

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. HSE-020CPCN2RCE	
Application No. 09/352093-Conf. #1685		Filing Date July 14, 1999		Examiner D. Valentine	
Art Unit 1742					
Applicant(s): Michael S. Hsu, et al.					
Invention: ULTRA-HIGH EFFICIENCY TURBINE AND FUEL CELL COMBINATION					
<b>TO THE COMMISSIONER FOR PATENTS</b> Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims		- 20 =		x	
Independent Claims		- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					OFFICIAL
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0 00
<input type="checkbox"/> Large Entity <span style="float: right;"><input checked="" type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
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<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>John S. Curran</u> John S. Curran Attorney Reg. No.: 50,445  LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400					Dated: <u>September 25, 2003</u>
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9310, on the date shown below. Dated: September 25, 2003      Signature: <u>John S. Curran</u> (John S. Curran)					